2004 EIQ Changes

Regional/Local Workshop November 4, 2004

Topics:

- 1)Form Changes
- 2)Reporting Thresholds
- 3)EZ Form
- 4)HAP Reporting

Form Changes

- Form 1.0, 2.0, 3.0
- Must go out to industry for 45-day comment period
- Mailed out 10/22/04

STATE OF MISSOURI Department of Natural Resources Air Pollution Control Program 205 Jefferson Street, P.O. Box 176 Jefferson City, Missouri 65102

Emissions Inventory Questionnaire (EIQ) FORM 1.0 GENERAL PLANT INFORMATION

Shaded Areas for Office Use Only

Facility Nan	ne .						FIPS County No.	Plant N	o. Year of Data 2004				
Facility Stre	et Address					County Na	me F		assification				
City			ZIP C	ode		Facility Phone Number							
Facility Mail	ing Address		L			Product/Principal Activity SIC							
City ZIP Co				ode		Number of Employees Land in Acres							
Facility Contact Person						Where to Send EIQ in Future (Check One) Facility Mailing Address Perent Co. Mailing Address							
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Seconds									Than go				
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Mailing Add	ress				Cit	у		State	ZIP Code				
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PM10	SOx	NOx	VOC		co	Lead	HAPs	PM2.5	NH3				
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Signature					Date		Check Number						
Print Name of Authorized Company Representative Title							Check Date						
Signature					Date		Logged in By	FFICE USE Date	ONLY Received				
MO 700-1401 (*	1/99)												

FORM 2.0 EMISSION POINT INFORMATION

Facility	Name							FIPS	S Coun	ty No.	. Pi	amt No).	Y	ear of	Data	
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NH3									100								
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STATE OF MISSOURI Department of Natural Resources Air Pollution Control Program 205 Jefferson Street, P.O. Box 176 Jefferson City, Missouri 65102

FORM 3.0 EMISSIONS FEE CALCULATION

Facility Name					FIP	S Coun	ty No.	Plant No.	Year of D	ata
[1] POINT No.	■ more than	one page la nec	ided, use the I	e emission poi inst row of the a [2] decimal place	Suplica	m the en ted page	dealons in to list the	the page total bo page totals from t	t at the bottom his page. Exp	of the column ress emission
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-	12,000 tons po	r year cap.)			PORTO DA					
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(\$33.00 PI	IR TON OF POL	 LUTANT LISTE		Minimum vak is 1 ton	-	s				
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MO 780-1509 (11/99))		Duplic	ate this form	1 88 De	eded.				

Form Changes

- Form 1.0: Plantwide SIC code
- Form 2.0: Maximum Hourly Design Rate
 - Clarified definition: The maximum hourly operating rate possible for the equipment associated with the emission point at full efficiency and with no restrictions on its production levels.
 - Yes/No Indicator: indicates whether the process includes any bottlenecks, permit restrictions, or other restrictions that would cause the reported Maximum Hourly Design Rate (MHDR) to not be a true measure of the maximum hourly operating rate for the facility.
- Form 3.0: Ammonia and PM2.5

Reporting Thresholds

- Previous threshold: 200 lbs per unit
- New threshold varies depending on pollutant
- One ton (2000 lb) threshold for SO_x , NO_x , and CO
- 876 lb threshold for VOC, PM10, PM2.5, and NH₃ (exempt limit for construction permits)

EZ Form

- For 2004, criteria have been changed to:
 - < 5 tons of any criteria pollutant
 - < <u>10</u> tons total
 - No change w/regard to HAPs

HAP Reporting

- Category 1 HAPs (20 lb limit)
 - Arsenic Compounds
 - Asbestos
 - Chromium Compounds
 - Hydrazine
 - 2,3,7,8 Tetrachlorodibenzo-p-dioxin
- Category 2 HAPs (200 lb limit)
 - All other HAPs from EPA's list of 189
- Criteria is being clarified
 - Persistent, biocumulative, & toxic (PBT) chemicals
 - Human carcinogens per EPA criteria
- Reclassifying HAPs (PM10, VOC, neither)

HAP Reporting

• New list for Category A: 23 HAPs

Chemical Abstracts	D. H. A.
Service Number	Pollutant
1332-21-4	Asbestos
71-43-2	Benzene
	(including benzene from gasoline)
92-87-5	Benzidine
542-88-1	Bis(chloromethyl) ether
106-99-0	1,3-Butadiene
57-74-9	Chlordane
107-30-2	Chloromethyl methyl ether
76-44-8	Heptachlor
118-74-1	Hexachlorobenzene
72-43-5	Methoxychlor
1336-36-3	Polychlorinated Biphenyls (PCBs)
	(Aroclors)
1746-01-6	2, 3, 7, 8 – Tetrachlorodibenzo- <i>p</i> -dioxin
8001-35-2	Toxaphene
1582-09-8	Trifluralin
75-01-4	Vinyl chloride
8007-45-2	Coke Oven Emissions
20-01-9	Arsenic Compounds
	(inorganic including arsine)
20-06-4	Chromium Compounds
20-11-1	Lead Compounds
20-13-3	Mercury Compounds (Alkyl and Aryl)
20-13-3	Mercury Compounds (Inorganic)
20-14-4	Nickel Compounds
TP15	Polycyclic Organic Matter